

### EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Larry Ashery on 11<sup>th</sup> May 2010.

Claim 18 (Currently Amended): A [[The]] radio communication device, comprising:

a beacon reception unit receiving a beacon and extracting a frame;

a frame judgment unit judging whether the extracted frame is one giving notice of a collision in a beacon transmission period of the radio communication device, the collision occurring with a beacon of another radio communication device of another network;

a frame constructing unit used when said frame judgment unit has judged that the frame is a collision notification, generating a collision notification frame for relaying the collision notification, the collision notification gives notice ~~that the beacon transmission period is moved~~ from the radio communication device to other radio devices in a group with the radio communication device to move to a new beacon transmission period; and

a beacon transmission instruction unit instructing transmission of the collision notification frame at the beacon transmission timing,

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wherein the radio communication device transmits a beacon after moving to the new beacon transmission period.

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Doi et al, US 7558258 B2: when plural beacon period groups interfere with one another because of movement, it is possible to perform communication in periods separated from one another by performing a concatenation operation to connect the beacon periods of the interfering beacon period groups. (col. 36 lines 27-32)

Doi et al, US 7613202 B2: a first radio communication device transmits data in a time slot of which notice has been given to a second radio communication device. (col. 23 lines 44-46)

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Xavier Wong whose telephone number is 571.270.1780. The examiner can normally be reached on Monday through Friday 8:30 am - 6:00 pm (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Seema Rao can be reached on 571.272.3174. The fax phone number for the organization where this application or proceeding is assigned is 571.273.8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR.

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Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800.786.9199 (IN USA OR CANADA) or 571.272.1000.

*/Xavier Szewai Wong/*  
Patent Examiner AU 2462  
15<sup>th</sup> May 2010

*/Seema S. Rao/*  
Supervisory Patent Examiner, Art  
Unit 2462